

Inventor: John et al.

PROPORTIONAL ACTUATOR CONTROL OF APPARATUS

Application No. 09/802,823, Docket 213-02US:0103

MARKED UP VERSION OF CHANGES UNDER 37 CFR 1.121**Amendment dated April 9, 2002****IN THE DESCRIPTION**

Kindly amend Paragraph 0411 to read as follows:

[0411] The purpose of the null-width generator 540 is to provide a voltage deadband, or null width, 548 that includes [both] voltages that are both greater than, and less than, the [output voltage 546 of one of the transducers 362A or 362B] null voltage N. Thus, the transducers, 362A or 362B may be inputted within a transducer-position deadband 550 without effecting a change in a velocity of the wheel, 12A or 12B, of the wheelchair 10 of FIGURE 1, thereby facilitating easy and precise control of the steering for the wheelchair 10.

IN THE CLAIMS

Kindly amend Claims 11 and 12 to read as follows:

11 (Amended). A method as claimed in Claim 1 in which said method further comprises:

- a) producing a null [voltage] width; and
- b) obviating said rotating step for a respective one of said electric motors when said proportioned electrical output is within said null [voltage] width.

12 (Amended). A method as claimed in Claim 1 in which said method further comprises:

- a) producing a null [voltage] width;
- b) obviating said rotating step for a respective one of said electric motors when said proportioned electrical output is within said null [voltage] width; and
- c) selectively adjusting said null [voltage] width.